



Patent  
Attorney Docket No. 1030681-000531

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Hae-kyoung Kim ) Group Art Unit: 1745  
Application No.: 10/616,998 ) Examiner: KARIE AMBER ONEILL  
Filing Date: July 11, 2003 ) Confirmation No.: 2771  
Title: NANOCOMPOSITE ELECTROLYTE )  
MEMBRANE AND FUEL CELL )  
EMPLOYING THE SAME )

**AMENDMENT/REPLY TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- A Petition for Extension of Time is enclosed.
- Terminal Disclaimer(s) and the  \$ 65  \$ 130 fee per Disclaimer due under 37 C.F.R. § 1.20(d) are enclosed.
- Also enclosed is/are: \_\_\_\_\_
- Small entity status is hereby claimed.
- Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the  \$ 395  \$ 790 fee due under 37 C.F.R. § 1.17(e).
- Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
- Applicant(s) previously submitted \_\_\_\_\_ on \_\_\_\_\_ for which continued examination is requested.
- Applicant(s) requests suspension of action by the Office until at least \_\_\_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

No additional claim fee is required.  
 An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims	30	29	1	x \$ 50 (1202)	\$ 50
Independent Claims	4	4	0	x \$ 200 (1201)	0
<input type="checkbox"/> If Amendment adds multiple dependent claims, add \$ 360 (1203)					\$ 0
<b>Total Claim Amendment Fee</b>					<b>\$ 50</b>
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					0
<b>TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT</b>					<b>\$ 50</b>

Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.  
 A check in the amount of \_\_\_\_\_ is enclosed for the fee due.  
 Charge \$ 50.00 to credit card for the fee due. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date April 3, 2007

By:   
Laura L. Lee  
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**RESPONSE TO SECOND OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated January 10, 2007, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the Listing of Claims which begins on page 2 of this Amendment.

**Remarks** begin on page 9 of this Amendment.

04/04/2007 YPOLITE1 00000076 10616998  
01 FC:1202 50.00 OP